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TO: Commissioner for Patents
Attn: Examiner Tae Jun Kim
Patent Examining Corps
Facsimile Center
Alexandria, VA 22313-1450

FROM: Anthony J. Orler
OUR REF.: PD-02-0719
TELEPHONE: (310) 342-5564

Total pages, including cover letter: **15**

PTO FAX NUMBER: **703 872-9306**

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| | |
|--------------------------------|---|
| Title of Document Transmitted: | TRANSMITTAL DOCUMENTS, AMENDMENT UNDER 37 C.F.R. 1.111 AND RESUBMISSION OF PTO FORM 1449 (FILED ON MARCH 22, 2004) FOR INITIALIZATION BY THE EXAMINER |
| Applicant: | John R. Beattie et al. |
| Serial No.: | 10/616,022 |
| Filed: | July 9, 2003 |
| Group Art Unit: | 3746 |
| Title: | METHOD AND APPARATUS FOR BALANCING THE EMISSION CURRENT OF NEUTRALIZERS IN ION THRUSTER ARRAYS |
| Our Ref. No.: | PD-02-0719 |

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: 

Name: Anthony J. Orler

Reg. No.: 41,232

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Applicant: John R. Beattie et al. Examiner: Tae sun Kim
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CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

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By: 
 Name: Anthony J. Orler

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
- ☒ Amendment Under 37 C.F.R. 1.111.
- ☒ Resubmission of PTO form 1449 (filed on March 22, 2004) for initialization by the Examiner.

CLAIMS PRESENT

| Claims Remaining: | Highest Number Previously Paid For: | Number Extra | Rate | Fee |
|------------------------------|--|-----------------|------------|----------|
| Total Claims | | | | |
| 23 | 26 | 0 | x \$50.00 | = \$0.00 |
| Independent Claims | | | | |
| 2 | 3 | 0 | x \$200.00 | = \$0.00 |
| MULTIPLE DEPENDENT CLAIM FEE | | | | \$0.00 |
| TOTAL FILING FEE | | | | \$0.00 |

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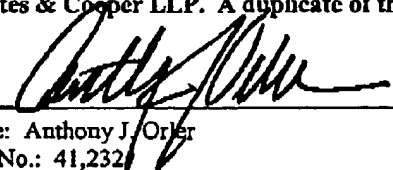
GATES & COOPER LLP

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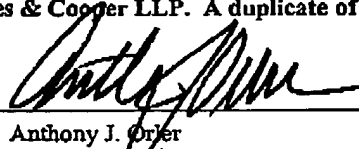
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Name: Anthony J. Orr

AMENDMENT UNDER 37 C.F.R. §1.111

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Dear Sir:

In response to the Office Action dated January 12, 2005, please amend the above-identified application as follows.